S
553.28
O1S
JAN 1969

VED WITH
IODICALS

Montana State Library
3 0864 1006 0101 5
STATE DOCUMENTS

MONTANA OIL AND GAS STATISTICAL BULLETIN

ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601

JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELENA, MONTANA 59601

JUDSON D. SWEET,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
1925 GRAND AVENUE
BILLINGS, MONTANA 59102

CLYDE BREWER, VICE-CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN,
P. O. BOX 277
POPLAR, MONTANA 59255

E. G. BALSAM,
2300 PEARL
MILES CITY, MONTANA 59301

LYLE KASSEL,
142 THIRD SOUTH
SHELBY, MONTANA 59474

OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVII, No. 1 — HELENA INDEPENDENT-RECORD HELENA, MONTANA — January, 1969

Production of crude oil and condensate from the oil and gas areas of Montana for the month of January, 1969, averaged 126,505 barrels daily, a decrease of 5,219 barrels from the average December production of 131,724.

The nine refineries in the state processed 80,084 barrels of crude oil daily for the month of January, 1969, a decrease of 33,631 barrels from the 113,715 barrels processed daily during the month of December, 1968.

During January, 104 wells were completed, 14 oil, 3 gas and 87 dry holes.

During January, the commission issued 31 permits to drill new wells, a decrease of 41 from the 72 permits issued during December.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF JANUARY, 1969

IN STORAGE JANUARY 1st	
By Producers	448,662
By Transporters	1,346,295
By Refiners	813,963
TOTAL STORAGE	2,608,920
Produced in Montana During Month	3,921,668
Imported During Month	1,723,908
TOTALS	8,254,496
DISPOSITION:	
Refined in Montana	2,482,619
Exported	3,136,955
Used for Fuel or Lost	11,326
TOTAL	5,630,900
IN STORAGE JANUARY 31st	
By Producers	450,077
By Transporters	1,423,021
By Refiners	750,498
TOTAL STORAGE	2,623,596

NATURAL GAS WITHDRAWALS IN MONTANA

Month of January, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	550,200
Big Coulee	183,203
Bowdoin	446,595
Bowes	36,383
Cabin Creek	101,154
Cedar Creek	1,801,238
Cut Bank (Including Reagan)	724,314
Devon	0
Dry Creek	69,433
Elk Basin	71,049
Flat Coulee	10,926
Gold Butte	0
Golden Dome	0
Grandview	97,428
Hardin	999
Keith Block	315,378
Kevin Sunburst	69,648
Lake Basin	114,562
Middle Butte	4,334
Mt. Lilly	55,302
Pine	63,664
Plevna	6,930
Utopia	98,183
Whitlash	105,023
Miscellaneous	275,508
TOTAL	5,201,454

Total withdrawals for January, 1968 were 3,987,408

PRODUCERS REPORT—MONTH OF JANUARY, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	488	3,055	----	3,211	----	332
1	Bannatyne	1	634	70	----	----	----	704
1	Bascom	1	270	45	----	----	----	315
4	Bear's Den	5	1,919	1,202	194	613	----	2,314
78	Bell Creek	339	99,922	1,440,747	1,441,043	----	2,499	97,127
1	Benrud	1	794	389	444	----	----	739
1	Benrud East	1	291	9,759	9,417	----	----	633
1	Benrud Northeast	1	859	5,322	5,717	----	----	464
	Berthelote	----	598	----	----	----	21	577
5	Big Wall	17	1,867	16,691	15,878	----	----	2,680
2	Blackfoot	3	1,964	881	----	1,646	----	1,199
1	Border	1	----	592	----	592	----	----
1	Bowes	51	4,775	10,252	10,366	----	----	4,661
1	Bradley	1	674	714	645	----	----	743
	Brady	----	738	----	----	----	----	738
6	Brorson-Red River	6	2,539	73,206	----	72,403	----	3,342
1	Brush Mountain	1	1,286	5,672	----	6,333	----	625
2	Cabin Creek	99	----	282,035	282,035	----	----	----
16	Cat Creek	65	2,594	12,670	10,433	2,566	----	2,265
	Clark's Fork	----	51	----	----	----	----	51
	Conrad South	----	662	----	----	----	----	662
	Cupton	----	1,074	----	----	----	----	1,074
116	Cut Bank	783	78,513	350,691	349,132	193	771	79,108
2	Deer Creek	3	765	2,976	2,814	----	----	927
	Delphia	----	702	----	----	188	----	514
	Devil's Basin	----	671	----	----	----	----	671
1	Dwyer	13	4,590	18,368	18,510	----	----	4,448
4	Elk Basin	51	1,924	216,454	216,336	----	----	2,042
5	Elk Basin Northwest	14	2,345	9,118	8,678	----	----	2,785
9	Fairview	10	9,152	69,830	----	70,416	----	8,566
2	Fertile Prairie	2	927	545	610	----	----	862
8	Flat Coulee	26	5,546	13,648	12,592	----	----	6,602
36	Flat Lake	54	8,234	58,736	56,641	----	----	10,329
2	Flat Lake South	2	5,251	7,124	11,965	----	----	410
2	Frannie	2	----	815	815	----	----	----
17	Fred & George Creek	37	3,686	53,929	53,869	----	----	3,746
1	Gage	1	323	----	----	----	----	323
4	Gas City	23	4,056	30,007	28,086	----	----	5,977
11	Glendive	15	3,203	32,680	26,703	6,600	----	2,580
24	Goose Lake	33	4,643	52,245	50,633	----	369	5,886
8	Graben Coulee	20	4,245	5,768	3,280	839	----	5,894
	Grandview	----	528	----	----	----	----	528
	Gypsy Basin	----	924	----	----	----	----	924
8	Hiawatha	8	6,843	21,756	21,940	----	----	6,659
1	Hibbard	1	504	167	----	----	----	671
1	Injun Creek	1	633	423	----	594	----	462
4	Ivanhoe	9	2,753	8,032	6,594	----	----	4,191
8	Keg Coulee	24	4,196	13,171	10,977	----	16	6,374
2	Keg Coulee North	2	1,774	1,246	1,750	----	----	1,270
2	Kelley	5	956	12,243	12,074	----	----	1,125
64	Kevin Sunburst	337	16,666	17,147	12,102	6,339	----	15,372
8	Laird Creek	9	436	7,028	----	6,532	----	932
1	Little Beaver	29	----	26,572	26,572	----	----	----
2	Little Beaver East*	14	2,803	15,354	16,303	----	----	1,854
2	Lodge Grass	2	2,437	1,991	----	2,525	----	1,903
2	Lookout Butte (Coral Creek)	37	455	50,213	50,249	----	----	419
2	Mackay Dome	2	1,172	----	33	----	----	1,139
2	Mason Lake	2	573	975	975	----	----	573
2	Melstone	4	674	1,765	1,304	----	----	1,135
1	Mineral Bench	1	591	185	442	----	----	334
1	Miner's Coulee	1	107	250	----	250	----	107
11	Monarch	17	5,619	18,385	18,471	----	----	5,533
2	Mosser	2	----	465	----	465	----	----
7	Outlook	11	8,263	23,219	----	24,165	----	7,317
2	Outlook South	2	1,388	5,110	----	5,602	----	896
2	Outlook West	2	2,159	4,399	----	5,161	----	1,397
1	Pennel—Lookout Butte	148	10,881	148,004	146,473	----	----	12,412
4	Pine	120	17,832	300,101	300,706	----	----	17,227
1	Pole Creek	1	1,325	1,525	----	1,525	----	1,325
57	Pondera	266	8,830	24,536	25,008	----	----	8,358
4	Poplar	62	9,937	54,519	56,574	----	----	7,882
3	Poplar Northwest	3	1,868	525	796	----	----	1,597
	Prairie Elk	----	333	----	----	----	----	333
4	Ragged Point	12	4,807	7,732	7,589	----	----	4,950
1	Rattlesnake Coulee	1	869	581	859	----	----	591
3	Reagan	46	635	20,850	21,017	----	----	468
1	Red Creek	26	----	24,065	24,065	----	----	----
1	Red Fox	1	381	8,118	8,071	----	----	428
1	Redstone	1	733	4,893	4,386	----	----	1,240
	Repeat	----	405	----	----	----	----	405
4	Reserve	4	193	12,223	----	12,223	----	193
	Richey	----	794	----	450	----	----	344
6	Richey Southwest	6	1,155	6,404	6,829	----	----	730
5	Sand Creek	8	2,886	9,662	10,127	----	----	2,421
1	Shotgun Creek	1	516	850	----	850	----	516
3	Sidney-Brorson	3	1,702	1,873	----	1,992	----	1,583
1	Smoke Creek	1	492	----	----	403	89	----
1	Snyder	3	251	878	----	647	----	482
8	Soap Creek	18	4,603	5,090	----	3,481	----	6,212
1	Spring Creek	2	2,084	2,242	----	2,501	----	1,825
1	Stensvad	15	1,728	16,962	12,901	----	----	5,789
27	Sumatra	85	11,895	69,027	67,243	----	69	13,610
5	Tule Creek	6	2,675	42,043	----	41,423	----	3,295
2	Tule Creek East	2	1,567	16,241	----	17,169	----	639
2	Tule Creek South	3	2,263	8,672	----	9,573	----	1,362
2	Vida	2	627	923	676	----	----	874
4	Volt	5	3,319	15,920	17,532	----	----	1,707
2	Weed Creek	3	1,083	6,371	6,608	----	52	794
5	Weldon	12	1,635	47,552	48,042	----	----	1,145
1	West Butte	1	----	2,843	----	2,843	----	----
15	Whitlash	24	9,495	14,308	13,568	----	----	10,235
1	Whitlash West	1	794	460	415	----	----	839
3	Wills Creek South	3	292	5,079	5,177	----	----	194
6	Wolf Springs	9	3,893	6,237	4,236	----	----	5,894
3	Woodrow	3	237	2,609	2,627	----	----	219
	Wildcat, Blaine Cty.	----	193	----	----	----	5	188
1	Wildcat, Carbon Cty.	1	629	98	----	----	----	727
2	Wildcat, Glacier Cty.	5	971	1,166	261	----	----	1,876
2	Wildcat, Richland Cty.	2	3,679	12,766	----	13,636	----	2,809
1	Wildcat, Sheridan Cty.	1	1,754	352	716	----	1	1,389
1	Wildcat, Stillwater Cty.	1	892	48	----	----	----	940
2	Wildcat, Toole Cty.	2	----	988	983	----	----	----
713	Total	3,126	448,362	3,921,668	3,590,562	325,499	3,892	450,077

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,779	132,161
January, 1969	3,921,668	126,505	3,916,061	126,324

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
January, 1969	450,077	1,423,021	750,498	2,623,596

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JANUARY, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			3,211				3,211		
BEAR'S DEN—Truck			613					613	
BELL CREEK—Pipelines		1,441,043					776,009	665,034	
BIG WALL—									
Continental Pipeline Co.		15,878				15,878			
BLACKFOOT—									
Camerland Cardinal Corp.			1,646					1,646	
BORDER—Truck			592				592		
BOWES—Texaco Inc.		10,366				10,366			
BRORSON-RED RIVER—									
Rock Island Oil & Ref.			72,403				72,403		
BRUSH MOUNTAIN—									
Sinclair Ref. Co.			6,333				6,333		
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	293,978	771,561	6,600	1,205,774			1,957,334		320,579
Shell Pipeline Co.	5,296	229,437			1,052			223,824	9,857
	299,274	1,000,998	6,600	1,205,774	1,052		1,957,334	223,824	330,436
CAT CREEK—									
Continental Pipeline Co.		10,433				10,433			
Truck			2,566			2,566			
		10,433	2,566			12,999			
CUT BANK—									
Continental Pipeline Co.			16,996	168,133				185,129	
Phillips Petroleum Co.	98,292	46,844		28,959	2,496	100,622			70,977
Texas Pipeline Co.	24,494	103,466		27,235	217			107,839	47,139
Union Oil Co.	72,622	66,139		37,090	(881)	73,963			102,769
Western Oil Trans. Co.		29,783						29,783	
Western Oil Trans. (Moulton)		38,947						38,947	
	195,408	285,179	16,996	261,417	1,832	174,585		361,698	220,885
DELPHIA—Truck			188			188			
DWYER—Portal Pipeline Co.		18,549					18,549		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		224,108				224,108			
FAIRVIEW—Truck			70,416				60,633	9,783	
FLAT COULEE—									
Camerland Cardinal Corp.		10,773				10,500		273	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		54,664					54,664		
FRANNIE—Interstate Pipeline Co.		815					815		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	21,580	59,119				57,963		5,855	16,881
GLENDIVE, DEER CREEK WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,700	34,018			893			33,921	8,904
GOOSE LAKE—									
Portal Pipeline Co.		47,809					47,809		
HIAWATHA—									
Continental Pipeline Co.		21,943					21,943		
INJUN CREEK—Permian Corp.			594				594		
IVANHOE—									
Continental Pipeline Co.		6,595				6,595			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		12,453				11,253	1,200		
KELLEY—									
Continental Pipeline Co.		12,074				12,074			
KEVIN SUNBURST—									
Big West Oil Co.	6,003	11,769				12,230			5,542
Homestake Oil & Gas Co.	3,662	1,062							4,724
Texas Pipeline Co.	8,021	5,200			(98)				13,319
	17,686	18,031			(98)	12,230			23,585
LODGE GRASS—Truck			2,525			2,525			
MASON LAKE—									
Continental Pipeline Co.		968				968			
MELSTONE—									
Continental Pipeline Co.		1,303				1,303			
MOSSER—Truck			465				465		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			34,928				34,928		
POLE CREEK—Truck			1,525				1,525		
PONDERA—Phillips Petr. Co.	49,452	25,021			1,262	41,078			32,133
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	10,600	126,556			661			122,181‡	14,314
RAGGED POINT—									
Continental Pipeline Co.		8,931				7,579		1,352	
RED CREEK—									
Western Oil Transportation Co.		26,087						26,087	
RESERVE—Truck			12,223				12,223		
SHOTGUN CREEK—Truck			850				850		
SIDNEY-BRORSON—Truck			1,992					1,992	
SMOKE CREEK—Truck			403				403		
SNYDER—Truck			647			647			
SOAP CREEK—Truck			3,481				3,481		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			2,501				2,501		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	735,146	66,132		722,878	1,322	58,846		699,875	764,113
TULE CREEK—									
Tesero Petr. Corp.	7,449		68,165			63,844			11,770
WEED CREEK—									
Continental Pipeline Co.		6,608				6,608			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		13,774				13,774			
WOLF SPRINGS—									
Continental Pipeline Co.		4,236				4,236			
WILDCAT WELLS—Truck			13,636				13,636		
TOTALS	1,346,295	3,564,464	325,499	2,190,069	6,924	750,147	3,092,101	2,154,134	1,423,021

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JANUARY, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall		15,878								15,878
Cat Creek		8,137		6,245						14,382
Cut Bank	42,862						101,245		62,683	206,790
Elk Basin		88,948		59,995	75,165					224,108
Flat Coulee									10,500	10,500
Fred & George Creek	57,963									57,963
Ivanhoe		6,595								6,595
Keg Coulee		4,030		7,223						11,253
Kelley					12,074					12,074
Kevin Sunburst	9,171									9,171
Lodge Grass		2,525								2,525
Mason Lake		968								968
Melstone				1,303						1,303
Pondera							24,782			24,782
Ragged Point				7,579						7,579
Snyder		647								647
Sumatra & Stensvad		21,453		27,229	10,164					58,846
Tule Creek								67,360		67,360
Weed Creek					6,608					6,608
Whitlash							15,143			15,143
Wolf Springs					4,236					4,236
Total Montana Oil	109,996	149,181		109,574	108,247		141,170	67,360	73,183	758,711
Canadian Oil Imported		76,209			35,289					111,498
Wyoming Oil Imported				557,103	1,055,307					1,612,410
Total Montana, Canadian, and Wyoming Oil	109,996	225,390		666,677	1,198,843		141,170	67,360	73,183	2,482,619

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1968	26,482	21,007	64,842	112,331
January, 1968	16,166	12,126	76,481	114,773
January, 1969	24,474	3,597	52,013	80,084

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
23.57%	18.70%	57.73%
22.80%	10.56%	66.64%
30.56%	4.49%	64.95%